BRUHAT BANGALORE MAHANAGARA PALIKE

BBMP/2024-25/OW/WORK_INDENT5261

APPROVED SCHEDULE - B

No.EE/BTP/BBMP/KPPP/09/2024-25, Date: 19-10-2024

Name Of Work: IMPROVEMENTS TO ROADS AND DRAINS AT SARAIPALYA COLONY, THANISANDRA COLONY AND RACHENAHALLI COLONY IN WARD NO. 07, THANISANDRA.

Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of SHIVAKUMAR B V	
				In Figures	In Words
1	453.09	Removing and resetting of footpath slab	Sqm	242.03	Rupees Two Hundred Forty Two and Three Paise Only
2	489.83	Earth work excavation by manual means for drains, canals, waste weir, draft, approach channels, key trenches, foundation of Buildings & bridges and such simillar works in all kinds of soils, as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work. In all kinds of soils Depth upto 1.5 m	Cum	274.16	Rupees Two Hundred Seventy Four and Sixteen Paise Only
3	47.15	Providing and laying in position Cement Concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machinery, curing, and all the other appurtenances required to complete the work as per technical specifications.Mix 1:4:8 Using 40 mm nominal size graded crushed coarse aggregates	Cum	6416.69	Rupees Six Thousand Four Hundred Sixteen and Sixty Nine Paise Only
4	93.92	Providing and laying in position Cement Concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necessary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications.M20 Design Mix Using 20 mm nominal size graded crushed coarse aggregates	Cum	7879.59	Rupees Seven Thousand Eight Hundred Seventy Nine and Fifty Nine Paise Only
5	5.48	Steel Fabrication,Supplying, fitting and placing TMT FE 550 / 550D Steel Reinforcement including cost of all materials, machinery, labour, cleaning, straightening, cutting, bending, hooking, laping/welding joints, tying with binding wire / soft annealed steel wire and other ancilary operations complete as per drawing and technical specification .c For Substructure of Bridges.	Tonne	89510.77	Rupees Eighty Nine Thousand Five Hundred Ten and Seventy Seven Paise Only
6	439.09	Providing and laying 100mm thick pre-cast cover slabs over Road side drains / utility ducts / Rain water harvesting pit of width not exceeding 1000 mm using M20 concrete reinforced with TMT bars Fe 550 @ 6kg/m2, slabs jointed in CM 1:3 proportion and nicely finished Including providing holes in the Cover slabs wherever necessary for easy drain age of surface waterincluding of labour, materials, scaffolding, usage of machinery, curing, lead and lift charges etc, Complete.	Sqm	1325.48	Rupees One Thousand Three Hundred Twenty Five and Forty Eight Paise Only
7	23.40	Providing and fixing 230mm thick pre cast reinforced concrete slab as per design and drawing material cost,transportation, hire charges of machinery complete with all lead and lift conveyance charges labour charges inclusive of cost of all materials	Sqm	5187.61	Rupees Five Thousand One Hundred Eighty Seven and Sixty One Paise Only

Shivakumar BV.

Signature of Contractor

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ಬ್ಯಾಟರಾಯನಪುರ ವಿಭಾಗ
ಬೃ.ಬೆ.ಮ.ಪಾ., ಬೆಂಗಳೂರು

Executive Engineer

Name Of Work: IMPROVEMENTS TO ROADS AND DRAINS AT SARAIPALYA COLONY, THANISANDRA COLONY AND RACHENAHALLI COLONY IN WARD NO. 07, THANISANDRA.

Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of SHIVAKUMAR B V	
				In Figures	In Words
8	1500.00	Earth work in surface excavation by mechanical means for lowering & leveling the ground for all works other than foundation in all kinds of soils & upto depth not exceeding 300mm as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage of machinery & other appurtenances required to complete the work.In all kinds of soils upto 300 mm depth	Sqm	107.62	Rupees One Hundred Seven and Sixty Two Paise Only
9	345.00	Wet Mix Macadam (Plant mix method) Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver/grader in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density	Cum	2899.07	Rupees Two Thousand Eight Hundred Ninety Nine and Seven Paise Only
10	1500.00	Providing and applying primer coat with SS1 grade Bitumen Emulsion on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.90 kg per m2 using mechanical means. Prime Coat over WMM/WBM	Sqm	46.45	Rupees Forty Six and Forty Five Paise Only
11	75.00	Dense Graded Bituminous Macadam Grading - II for traffic 20 MSA,Providing and laying Dense Graded Bituminous Macadam with 40/60 TPH capacity HMP using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 4.5 per cent by weight of total mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification clause No. 505 complete in all respects	Cum	10704.68	Rupees Ten Thousand Seven Hundred Four and Sixty Eight Paise Only
12	1500.00	Tack coat on Bituminous surface,Providing and applying tack coat with RS1 Bituminous Emulsion using emulsion pressure distributor at the rate of 0.20 kg/m2 on the prepared bituminous surface cleaned with mechanical broom	Sqm	13.59	Rupees Thirteen and Fifty Nine Paise Only
13	60.00	Providing and laying Bituminous Concrete with 40/60 TPH capacity hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 5.4 per cent of mix and filler, transporting the hot mix to work site,laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 507 complete in all respects	Cum	12409.68	Rupees Twelve Thousand Four Hundred Nine and Sixty Eight Paise Only
14	50.00	Road Marking with Hot Applied Thermoplastic Compound with Re flectorising Glass Beads on Bituminous Surface Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250 g/ m2 area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35:2015.The finished surface to be level, uniform and free from streaks and holes.	Sqm	600.43	Rupees Six Hundred and Forty Three Paise Only
15	489.83	Unload ing, Loading & Carriage of MaterialsLoading and Unloading of Stone Boulder/Stone aggregates/Sand/Kankar/Moorum. (Tipper 5.5 m3)	Cum	152.94	Rupees One Hundred Fifty Two and Ninety Four Paise Only
16	626.98	Cost of Haulage Excluding Loading and Unloading,Taking output 10 t load and lead 10 km = 100 t.km	T.Km	203.92	Rupees Two Hundred Three and Ninety Two Paise Only

Shivakumar BV.

Signature of the Contractor

Executive Engineer
Byarayanapura Division
Bruhat Bengaluru Mahanagara Palike